

REFERENCES CITED (FLORISSANT TEXT)

- Avery, A.G., Satina, Sophie, and Rietsma, Jacob, 1959. Blakeslee: the genus *Datura*. Ronald Press, New York 288 pp.
- Chaney, R.W. and Sanborn, E.I., 1933. The Goshen flora of west central Oregon. Carnegie Inst. Washington Pub., v. 439, pp. 1-103, 40 pls.
- Cockerell, T.D.A., 1907. An enumeration of the localities in the Florissant basin from which fossils were obtained in 1906. Bulletin of the American Museum of Natural History, v. 23, pp. 127-132.
- Cope, E.D., 1875. On the fishes of the Tertiary shales of South Park. U.S. Geological and Geog. Survey of the Territories. (Hayden) Bull. 1, ser. 2, pp. 3-5.
- Cope, E.D., 1875. The Amyzon Tertiary Beds (Nevada) Am. Naturalist v. 13, p. 332.
- Crepet, W. L., 1989. History and implications of the early North American fossil record of Fagaceae. In Crane, P.R. and Blackmore, S., *Evolution, Systematics and Fossil History of the Hamamelidae*. v. 2, pp. 45-65. Systematics Association, Clarendon Press, Oxford, England.
- Cross, A.T. and Taggart, R.E., (this volume) Paleobotanical and Palynological reconstruction of the vegetation of Oligocene Lake Florissant, Colorado.
- Doher, L. Imogene, (1980). Palynomorph preparation procedures currently used in the Paleontology and Stratigraphy Laboratories, U.S. Geological Survey: U.S. Geol. Survey Circular 830, 29 pp.
- Edwards, M.E. and Weber, W.A., 1990. Plants of the Florissant Fossil Beds National Monument. Bulletin No. 2. Pikes Peak Research Station, Colo. Outdoor Education Center, Florissant, Colo. 23 pp.
- Elias, M.K., 1942. Tertiary grasses and other prairie vegetation from the High Plains . Geol. Soc. Am. Spec. Paper 41.
- Epis, R. C. and Chapin, C.E., 1968. Geologic history of the Thirty-nine Mile Volcanic field, central Colorado. Quart. Colo. School of Mines, v. 63, pp. 51-85.
- Epis, R. C. and Chapin, C.E., 1975. Geomorphic and tectonic implications of the post Laramide, late Eocene erosion surface in the Southern Rocky Mountains: Geol. Soc. America Memoir v. 144, pp. 45-74.
- Evanoff, E. (ed.), 1994. Guidebook for the Field Trip: Late Paleogene Geology and Paleoenvironments of Central Colorado. GSA Cordilleran Sect. 6-8 May, 99 pp.
- Evanoff, E. and Doi, K., (ed), 1992. The Stratigraphy of Florissant Fossil Beds National Monument: A Progress Report. submitted to National Park Service. 169 pp.
- Gray, Jane, 1964. Northwest American Palynology: the emerging picture. In Cranwell, L.D., *Ancient Pacific Floras, the pollen story*. Univ. of Hawaii Press, p. 21-32.

Gray, Jane, 1986. Interpretation of co-occurring megafossils and pollen: a comparative study with Clarkia as an example. In Smiley, C.J., *Late Cenozoic History of the Pacific*, Northwest. Paci. Divis. Am. Assoc. Adv. Sci., Calif. Acad. Sci., San Francisco. pp. 185-239.

Gregory, K.M. 1994. Paleoclimate and palaeoelevation of the 35 MA Florissant Flora, Front Range, Colorado. *Palaeoclimates* v. 1, pp. 23-57.

Gregory, K.M. and Chase, C.G., 1992. Tectonic significance of paleobotanically estimated climate and altitude of the late Eocene erosion surface, Colorado. *Geology* v. 20, pp. 581-585.

Hansen, B.S. and Cushing, E.J., 1973. Identification of Pine Pollen of Late Quaternary Age from the Chuska Mountains, New Mexico. *Geological Society of America* v. 84, pp.1181-1200.

Hascall, Allan P., 1988. Stratigraphic palynology, vegetation dynamics and paleoecology of the Florissant Lake Beds (Oligocene), Colorado. Master's thesis, University of Michigan, Dept. of Geological Sciences.

Herman, R.K., 1985. The genus *Pseudotsuga*: ancestral history and past distribution. Forest Research Laboratory Special Publication 2b. College of Forestry, Ore. State Univ. 32 pp.

Holdridge, L.R., 1967. Life Zone Ecology. Rev. ed. Tropical Science Center, San Jose, Costa Rica.

Jarvis, Devra , Leopold, E.B., Xi Yizhen and Koon, D., (1992). A photographic essay of pollen types of the mountainous regions of SW China. *Botanical Research* . v. 6, pp. 303-326, 34 plates.

Jarvis, Devra I., Leopold, Estella B., and Liu, Yiqiao, (1992). Distinguishing the pollen of deciduous oaks, evergreen oaks, and certain rosaceous species of southwestern Sichuan Province, China. *Rev. Palaeobot. and Palynol.* v. 75, pp. 259-271.

Koeppen, W., 1948. *Climatologia: Fondo de Cultura Economica*, Mexico D.F., 478 pp.

Knowlton, F.H., 1916. A Review of the Fossil Plants in the U.S. National Museum from the Florissant Lake Beds at Florissant Colorado, with descriptions of new species and list of type-specimens. *Proc. U.S. National Museum* v. 51, pp. 241-297.

Lakhanpal, R.N., 1958. The Rujada flora of west central Oregon. *Univ. Calif. Pubs. Geol. Sci.*, v. 35, pp. 1-66.

Leopold, A.S., 1950. Vegetation zones of Mexico. *Ecology* v. 31, pp. 507-518.

Leopold, E.B., 1965. Notes on the Late-Tertiary flora of Colorado. p. 455-456 In Wright H.E. Jr. and Frey, D.G. *The Quaternary of the United States*. Princeton Univ. Press., Princeton N.J.

Leopold, E.B. and Denton, M.F., 1987. Comparative age of grassland and steppe east and west of the northern Rocky Mountains. *Ann. Mo. Bot. Garden* v. 74, pp. 841-867.

Leopold, E.B., Liu, Gengwu, and Clay-Poole, Scott, (1992). Low Biomass Vegetation in the Oligocene? In Prothero, D.R., and Berggren, W.A., *Eocene-Oligocene Climatic and Biotic Evolution*. pp. 399-420. Princeton University Press, Princeton, New Jersey.

Leopold, E.B., Liu, Gengwu, (1994) A long pollen sequence of Neogene age, Alaska Range. Quaternary International v. 22-23, pp. 103-140, 2 plates.

Leopold, E.B. and MacGinitie, H.D., 1972. Development and affinities of Tertiary floras in the Rocky Mountains, In A.Graham, ed., *Floristics and Paleofloristics of Asia and Eastern North America*: Amsterdam, Netherlands, Elsevier Publishing Co., pp. 147-200.

Lesquereux, L., 1874. The lignite formation and its fossil flora. U.S. Geological and Geographical Survey of the Territories (Hayden) Ann. Report. v. 7, pp. 365-425.

Liu, Gengwu, and Leopold, E.B., (1994). Comparison of two Miocene pollen floras of northern China and northwestern United States. *Palaeogeography, Palaeoclimatology, & Palaeoecology* v. 108, pp. 217-228.

Liu, Tang-shui, 1971. A Monograph of the Genus *Abies*. Published by the Department of Forestry, College of Agriculture, National Taiwan University Taipei, Taiwan. 608 pp.

Love, J.D., Leopold, E.B. and Love, D.W., 1978. Eocene Rocks, Fossils and Geologic History, Teton Range, Northwestern Wyoming. U.S. Geological Survey Professional Paper 932-B, 40 pp., 4 plates.

MacGinitie H.D., 1953. Fossil Plants of the Florissant Beds, Colorado. Carnegie Inst. Washington, Pub. 599, Contr. Paleontology. 198 pp., 75 plates.

MacGinitie, H.D., 1969. The Eocene Green River flora of northwestern Colorado and northeastern Utah. Univ. Calif. Pubs. Geol. Sci., v. 83, 140 pp., 31 pls.

MacGinitie, H.D., 1974. An early middle Eocene flora from the Yellowstone-Absaroka volcanic province, northwestern Wind River Basin, Wyoming. Univ. Calif. Pubs. Geol. Sci., v. 108, 103 pp., 45 pls.

Manchester, S.R., 1987. The fossil history of the Juglandaceae. Monograph in Systematic Botany. Missouri Botanical Garden v. 21, 137 pp.

Manchester, S.R., 1987. Extinct Ulmaceous Fruits from the Tertiary of Europe and Western North America. Review of Paleobotany and Palynology v. 52, pp. 119-129.

Manchester, S.R., 1989. Attached reproductive and vegetative remains of the extinct American-European genus *Cedrelospermum* (Ulmaceae) from the early tertiary of Colorado. American Journal of Botany v. 76, pp. 256-276.

Manchester, S.R., 1992. Flowers, fruits and pollen of *Florissantia*, an extinct malvaceous genus from the Eocene and Oligocene of western North America. American Journal of Botany v. 79, pp. 996-1008.

Manchester, S. R., (this volume) Update on the fossil flora of Florissant, Colorado.

Manchester, S. R. and Crane, P.R., 1983. Attached leaves, inflorescences and fruits of *Fagopsis*, an extinct Fagaceous affinity from the Oligocene Florissant flora of Colorado, U.S.A. American Journal of Botany v. 770, pp. 1147-1164.

Manchester, S. R. and Crane, P.R., 1987. A new genus of Betulaceae from the Oligocene of Western North America. *Botanical Gazette* v. 148, pp. 263-273.

Manchester, S.R. and Zavada, M.S., 1987. *Lygodium* foliage with intact sorophores from the Eocene of Wyoming, *Botanical Gazette*.

Martin, P.S., 1958. A Biogeography of Reptiles and Amphibians in the Gomez Farias Region, Tamaulipas, Mexico. *Misc. Pubs Mus. Zoology* No. 101, 102 pp. University of Michigan, Ann Arbor.

McLeroy, Carol A. and Anderson, R.Y., 1966. Laminations of the Oligocene Florissant Lake Deposits, Colorado. *GSA Bull.*, v 77, pp. 605-618.

Meyer, H.W., (this volume) Paleoelevation of the Florissant flora as estimated from lapse rates and paleotemperatures.

Meyer, H.W., 1992. Lapse rates and other variables applied to estimating paleoaltitudes from fossil floras. *Palaeogeography, Palaeoclimatology and Palaeoecology* v. 99, pp. 71-99.

Muller, Jan and Leenhouts, P.W., 1976. A general survey of pollen types in the Sapindaceae in relation to taxonomy. In I.K.Ferguson and J. Muller (eds) *The evolutionary significance of the exine*. Linn. Spec. Symp. Ser. v. 1, pp. 407-445.

Nichols, D.J., (this volume) Palynology of Paleogene lacustrine shale at Florissant Fossil beds National Monument, Colorado.

Nichols, D.J., 1973. North American and European species of *Momipites* ("Engelhardtia") and related genera. *Geoscience and Man* v. VII, pp. 103-117.

Penny, J.S., 1969. Late Cretaceous and early Tertiary Palynology, In R.H.Tschudy and R.A.Scott, *Aspects of Palynology*. John Wiley & Sons. Inc. pp. 331-376.

Puig, H., 1976. Vegetacion de la Huasteca, Mexique. Mission Archeologique et Ethnologique Francaise y Mexique; Centre Nat. de la Recherche Scientifique, Mexico.

Rzedowski, J., 1978. *Vegetacion de Mexico*. Editorial Limusa. Mexico D.F. 432 pp.

Spicer, R.A., 1989, The formation and interpretation of plant megafossil assemblages, In Callow, J. ed., *Advances in Botanical Research*: New York, Academic Press, pp. 96-191.

Steeves, M. W. and Barghoorn, E.S., 1959. The pollen of *Ephedra*. *Journal of Arnold Arboretum* v. 40, pp. 221-225.

Thomasson, J. R., 1980. Paleoagrostology: A Historical Review. *Iowa State Journal of Research*. v. 54(3), pp. 301-317.

Thomasson, J.R., 1986. Fossil Grasses: 1820-1986 and Beyond. *International Grass Symposium* pp. 159-167.

Trimble, Donald E., 1989. Cenozoic Tectonic History of the Great Plains Contrasted with that of the Southern Rocky Mountains: a Synthesis. *The Mountain Geologist* v. 17, pp. 59-69.

Tschudy, R.H. and Scott, R.A., 1969. *Aspects of Palynology*. John Wiley & Sons, Inc. 510 pp.

Wang, Chi-Wu, (1961). The Forests of China with a Survey of Grassland and Desert Vegetation. *Maria Moors Cabot Foundation, Pub.* No. 5, Harvard University, Cambridge, Mass., 313 pp.

Wehr, W.C. and Hopkins, D.O., 1994. The Eocene orchards and gardens of Republic, Washington. *Washington Geology*, v. 22, pp. 27-35.

Wehr, W.C. and Schorn, H.E., 1992. Current Research on Eocene conifers at Republic, Washington. *Washington Geology* v. 20, pp. 20-23.

Wheeler, Elizabeth A., (this volume) Fossil dicotyledonous woods from Florissant.

Wing, S.L., and Hickey, L.J.. 1984. The *Platycarya* perplex and the evolution of the Juglandaceae: *American Journal of Botany*, v. 71, pp.388-411.

Wobus, R.A. and Epis, R. C., 1978. Geologic map of the Florissant 15-minute Quadrangle, Park and Teller Counties, Colorado. U.S. Geological Survey Miscellaneous Investigations Map 1-1044 scale 1:62,500.

Wodehouse, R.P., 1933. Tertiary pollen II. Pollen of the Green River oil shales. *Ibid*, v. 60, pp. 479-524.

Wolfe, J.A., 1973. Fossil Forms of Amentiferae. *Brittonia* v. 25, pp. 334-355.

Wolfe, J.A., 1992a. An analysis of present-day terrestrial lapse rates in the western conterminous United States and their significance to paleoaltitudinal estimates. U.S. Geological Survey Bulletin 1964, 35pp.

Wolfe, J.A., 1992b. Tertiary climatic changes at middle latitudes of western North America. *Paleogeography, Palaeoclimatology, and Palaeoecology*. v 108, pp. 195-205.

Wolfe, J.A., 1993. A method for estimating climatic parameters for leaf assemblages. *U.S. Geological Survey Bull.* 2040, 71 pp.

Wolfe, J. A. and Wehr, W., 1987. Middle Eocene dicotyledonous plants from Republic, northeastern Washington. *U.S. Geol. Survey Bull.*, v. 1597, pp. 1-25.